BR000004/23/24

2nd & Final Bill

SBR=000004/23-24 Original/Duplicate/Triplicate

13R=000004/23-24

CONTRACT CERTIFICATE (For Other Works) 19/4/2023

No. RA bill 19/4/2023

Division **Electrical (Dasarahalli)** **JOB NO :014-22-0000003** Sub-Division **Electricals**

Head of Account : P0300 M & R to street lights-Replacement of burnt bulbs etc

Bill Received No Dated Book Voucher No..... Dated ..

Schedule Docket Name of Work - Annual Maintenance and repairs to electrical installation ar JC Dasarahalli Zonal office building

Bill Period:04.09.2022 to 03.04.2023(6 months)

Name of Contractor and Full Address - M/s. CHIKKANNA G (CHETHAN ELECTRICALS) Date 01.04.2022

Reference to Agreement No - EE/Ele/DZ/TEND/AG/000001/21-22 Date 04.04.2022

Reference to Work order No - EE/Ele/DZ/TEND/WO/000010/21-22

Certified that the measurements were taken by me on 6/4/23 and recorded of Pages 689569 to 574 of measurement Book No. And that the work is satisfactorily executed.

Asst. Engineer

Officer-in-charge of work

For CHETHAN ELECTRICALS

Contractor

PROPRIETOR

Certified that the measurement were taken by me on 6/4/2023 and found correct. The work is satisfactorily executed

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	upto date	490173=00
2)	Deduct amount to be held in reserve being ..... percent Rs.....	Previous	259806=00
3)	" Balance	Present	230366=00
4)	Deduct Payment:		
	a) Amount of previous payment as in the Office Cash Book Voucher No .....Dated.....S.D. No..... adjusted towards cash advance recovery of	Amount IT(1%)	2303=00
		CesT(1%)	2303=00
		SeST(1%)	2303=00
		LWC(1%)	2303=00
	b) Payments Now made } cost store or other material supplied; recovery of amount creditable to this/other work; Amount paid on this bill Cheque / Cash.	CBF(0.1%)	230=00
5)	Balance being unpaid value of work done held in reserve.		
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated ..... less adjustments.	un deduction	9442=00
7)	Net amount due to or from Contractor adjustments items	Elsepart	220924=00
8)	Advance to Contractor for materials brought to site (as detailed) within. Value of Government materials supplied		
		Total amount adjusted -	

For CHETHAN ELECTRICALS

Contractor's Signature

PROPRIETOR

Received Rs ..... (in words) .....

.....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

Witness
1.
2.

Dated Signature of Contractor

Paid by me by Cheque No .....

Cash Rs .....

Dated .....

Initials of Officer making payment

For CHETHAN ELECTRICALS

Stamp

Dated

PROPRIETOR

(For use in the Office)

Rupees two lakh twenty-thousand nine hundred twenty four Only.

By adjustment Rs. 220924/- | - 9442/-

Accounts Superintendent

Executive Engineer (Ele)

B.B.M.P. Dasarahalli Division

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Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty	Cost	Qty	Rate Rs P	Amount	Qty	Cost	
120	72667 2	88	605 56	53289 28	208	125956 48	
120	66783 6	88	556 53	48974 64	208	115758 24	
70	5810	77	50 00	3850 00	147	9660 00	
60	16500	64	140 00	8960 00	124	25460 00	
45	1035	125	10 00	1250 00	170	2285 00	
4	2772	6	300 00	1800 00	10	4572 00	
30	1200	18	20 00	360 00	48	1560 00	
15	900	20	30 00	600 00	35	1500 00	
10	980	15	50 00	750 00	25	1730 00	
13	1365	17	50 00	850 00	30	2215 00	
4	360	6	70 00	420 00	10	780 00	
7	1295	8	125 00	1000 00	15	2295 00	
3	780	3	150 00	450 00	6	1230 00	
10	1140	13	70 00	910 00	23	2050 00	
8	1376	4	120 00	480 00	12	1856 00	
4	1736	5	250 00	1250 00	9	2986 00	
2	1818	3	500 00	1500 00	5	3318 00	
1	2397	2	1000 00	2000 00	3	4397 00	
90	1845	30	15 00	450 00	120	2295 00	
90	2880	58	15 00	870 00	148	3750 00	
15	5625	10	250 00	2500 00	25	8125 00	
3	1875	3	400 00	1200 00	6	3075 00	
1	2090	14	1000 00	14000 00	15	16090 00	
18	1980	6	75 00	450 00	24	2430 00	
6	900	9	100 00	900 00	15	1800 00	

Sl. No.	Description of Item	Unit
	Name of work:- :Annual maintenance and Repairs to Electrical instalation at JC Dasarahalli Zonal office building	
1	Providing servicess of Electrician With tools , Rs 14021 27/Month/person, Rs 14021 27◆26Days=539 27/Day/Person. Including E S.I & PF. As per Go No KE/31/LMW/2017 Dated 28/4/2017	Per Day
2	Providing servicess of Helper (Electrical) Rs 12746 61/Month/person, Rs 12746 61◆26Days = Rs 490 25/Day/Person .Including E.S.I & PF, As per Go No KE/31/LMW/2017 Dated 28/4/2017	Per Day
3	A) Supplying and Fixing/replacing of fluorescent Tube a) 18 to 40Watts	Nos
4	Supplying and Fixing of heavy duty open construction ferromagnetic copper ballast for fluorescent tubes. i 20/40Watts	Nos
5	Supply and fixing of 230 volts 20/40/watts starter for Fluorescent lamp	Nos
6	Rewinding a ... mm ceiling fan/after using necessary gauge annealed and insulated copper wire with necessary insulating, separators vibration arresting shellac, etc including replacement of 1200 mm bearings if any transportation to and from the spot to workshop inclusive of releasing the refixing	Nos
7	Supplying and fixing/replacing of 6/16/32 Amps electrical accessories on existing switch board- 1) 6 amps S P switch	Nos
8	3) 6 amps 3 way 5 pin socket	Nos
9	9) 16 amps S P switch –2	Nos
10	10) 16 amps 3 way 5 pin socket–	Nos
11	11) 16 amps 3 pin top –	Nos
12	12) 32 amps Bakelite DP	Nos
13	13) 16/6 Amps Comined plug & socket with control switch 1) Group 'A	Nos
14	Supplying and fixing/replacing condenser for ceiling fan/MV/SV/MH and other luminaries a) upto 4 mfd	Nos
15	Supplying and replacing of ceiling fan regulator 900 mm to 1500 mm	Nos
16	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required- 1) 6-32 amps S P	Nos
17	3) 6-32 amps D P	Nos
18	6) 50-63 amps TPN	Mtr
19	Wiring for lighting/power circuit using one of PVC insulated 1100 volts grade, multis and copper conductor single core cable in open or concealed systems of wiring Group-B 2) 1.5 sq mm	Mtr
20	3) 2 5 sq mm	Nos
21	Supplying of ....feet PVC Batten with integrated LED tube ...W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80 Power Input 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved 2 years Warranty against any manufacturing defect working under standard electrical condition LED light fighting 1 x4' - 20/22 w	Nos
22	LED Light fighting 2x4 - 20/22 w	Nos
23	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles Single-phase AC sup ply conforming to ISS-374-1979 and with double ball bearing system 1) 48" Sweep (1200mm) Regular Model	Nos
24	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps. 1)On wall / ceiling / Rafter / Girders	Nos
25	Fixing a ceiling / Wall mounting fan of all capacities and all types to the existing 'S' hook with fan regulator to the existing board together with supplying and fixing 5 amps ceiling rose, necessary length of 23 / 0.0076 inch PVC insulated twin twisted copper wire and wiring.	Nos

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0	0	20	750 00	15000 00	20	15000 00	
0	0	1	7000 00	7000 00	1	7000 00	
0	0	0	0	0	0	0	
5	2900	0	350 00	0 00	5	2900 00	
5	14000	3	1800 00	5400 00	8	19400 00	
1	6400	1	5000 00	5000 00	2	11400.00	
1	7200	1	5000 00	5000 00	2	12200.00	
70	3360	64	30 00	1920 00	134	5280 00	
0	0	0	10 00	0 00	0	0.00	
0	0	0	100 00	0 00	0	0.00	
0	0	1	12500 00	12500 00	1	12500 00	
0	0	1	38527 00	38527 00	1	38527 00	
0	0	1	950 00	950 00	1	950 00	
0	0	1	300 00	300 00	1	300 00	
0	0	1	1500 00	1500 00	1	1500 00	
0	0	1	1500 00	1500 00	1	1500 00	
0	0	1	300 00	300 00	1	300 00	
0	0	1	3800 00	3800 00	1	3800 00	
	231969.80			247760.92		479730.72	
	27836.38			24106.07		51942.45	
	259806.18			271866.99		531673.17	
				41500.00		41500.00	
				230366.99		490173.17	

26	Supplying and installation of insulated refrigerant copper tubing of 5/8 and 3/8 with polythene foam insulation 3 core 80 stand copper wiring between indoor and outdoor unit Leak testing oil and gas charging for additional piping length of tube Split	Mtr
27	Supply and fixing of condensing coil for Split Air Conditioners 2 ton capacity	Nos
28	Supplying and fixing the fan motor for blowers and condenser of 1/5 HP, single shaft/double shaft suitable for split /window air conditioners	Nos
29	supply and fixing cpacitor s (of approved make) for window/split air conditoner,80 to 200mfd starting capacitor	Nos
30	Supplying wall mounting fan suitable to operate at single-phase 230v A.C. supply 400mm Sweep	Nos
31	Supplying and fixing Moulded Case Circuit Breaker (MCCB) Over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete Protection of Overload and short circuit with thermal Magnetic/Micro Processor release and Earth Fault as per IS-13947 (Icu=Ics) FOUR POLE 100 Amps 25 kA,	Each
32	Supply and fixing of 4pole contractor with No/NC contacts on existing wood/panel board using necessary bolts ,nuts washers and wires etc., complete with AC 3 rating and as per Is 13947 100 to 125 Amps	Each
33	Supplying and drawing PVC flexible one pair telephone unarmoured tinned copper cable 5Pair	Mtr
34	Filtering of oil in the transformer at the transformer center by hot process using "Stream line filter" such time the dielectric strength of the oil in the transformer conforms to ISI specification (Test certificate to be produced) KPWD 2014-15 EleSR	Ltr
35	Supplying and Topping -up of new Transil Oil KPWD 2014-15 EleSR	Per Litre
36	Supplying, installation testing & commissioning of 12Volts AH batteries in poly propylene container for D G sets Low maintenance batteries plate type 120 AH capacity Acid batteries	Nos
37	AMC Charges for 1 year to 50 KVA 62.5 KVA, & 82.5 KVA D G Set including replacement of Engine Oil, Filter Kit and Radiator Collent	Per year
38	Radiator Hose Kit 3917 for 50KVA 62 5 & 82 5KVA make engine Overhauling	Set
39	Hose Clamp 3917 for 50KVA 62 5 & 82 5 KVA Make engine Overhauling	Set
40	Oil Filter -8400 for 50 KVA 62 5 & 82 5 KVA Make engine Overhauling	Nos
41	Diesel Filter -8400 for 50 KVA 62 5 & 82 5 KVA Make engine Overhauling	Set
42	Radiator Coolant -8483 for 50 KVA 62 5 & 82 5 KVA Make engine Overhauling	Ltr
43	TC Kit Turbo Charger-8421 for 50 KVA 62 5 & 82 5 KVA Make engine Overhauling	Set
	Sub Total	
	Add GST 12 % on item no 1 to 36	205883 92
	TOTAL	
	Less exces paid in 1st RA bill item No 1 to 43 Rs 41500 00	
	Grand Total Rs	

Certificate

1 The above said monthly maintenance work has been carriedout satisfactorily

JUNIOR ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

ASST EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

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